

## Abarna\_day54

```
#include <stdio.h>
```

```
int main() {
    int n1, n2, i, j, flag = 1;

    printf("Enter the size of the first array: ");
    scanf("%d", &n1);
    int arr1[n1];

    printf("Enter elements of the first array: ");
    for (i = 0; i < n1; i++) {
        scanf("%d", &arr1[i]);
    }

    printf("Enter the size of the second array: ");
    scanf("%d", &n2);
    int arr2[n2];

    printf("Enter elements of the second array: ");
    for (i = 0; i < n2; i++) {
        scanf("%d", &arr2[i]);
    }

    for (i = 0; i < n1; i++) {
        for (j = 0; j < n2; j++) {
            if (arr1[i] == arr2[j]) {
                printf("Not disjoint. (%d is common)\n", arr1[i]);
                flag = 0;
                break;
            }
        }
        if (!flag) break;
    }

    if (flag) {
        printf("Disjoint\n");
    }

    return 0;
}
```